

## WA1 – Seismic Hazards WA2 – Seismic Design, Qualification and Re-evaluation WA3 – Seismic Experience & Real Time Safety Assessment WA4 – External Events Preparedness and Response WA5 – Tsunami Hazards WA6 – Volcano Hazards WA7 – Engineering Aspects of Protection Against Sabotage WA9 – Information & Notification System WA10 – Public Communication, Dissemination of Lessons & Capacity Building

### **Seismic Hazards**

- Methodology for including diffuse seismicity in hazard assessment
- · Fault displacement computational methodology
- Methodology for utilization of paleo-seismicity

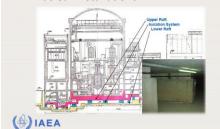
Paleoseismolgy of the Vienna Basin





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• State of the art on the practice of base isolation in nuclear installations



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### **Seismic Experience**

Development of seismic experience database



IAEA Seismic Safety Mission to Visit Onagawa Nuclear Power Station in Japan, July 2012



### **External Events Preparedness & Response**

 State of the art practices in the use of damage indicating parameters in pre- and postearthquake preparedness and response



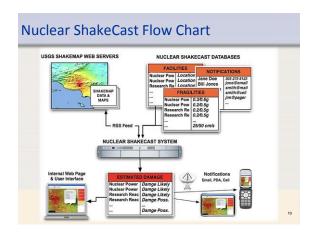


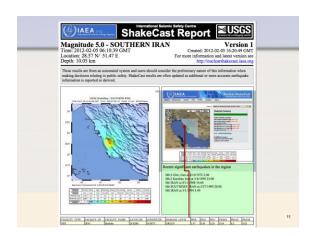
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# Tsunami Hazards • Design of tsunami protection measures Tide Embankment Onagawa NPP



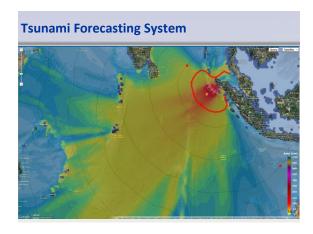


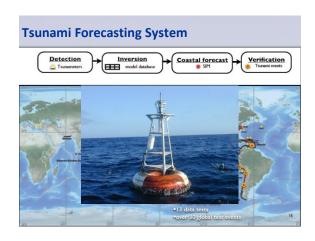






## Global External Events Monitor





Thank you!	
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